

R. Andrew Dreelin

Education:

**Ph.D.** Northern Illinois University

August 2020 - present, advised by Holly Jones

**B.S.** Cornell University, Biology, *Cum Laude*, distinction in research

August 2013-May 2017, advised by David Winkler

**G.D.** Brookstone High School

August 2009-May 2013

Refereed Publications:

McKeon, S., Fenolio, D., **Dreelin, R. Andrew**, Shaw, D., Kobrinsky, Z., & Meyer, C. 2020. NextGen natural history: New techniques for classical natural history questions. *Journal of Natural History Education and Experience*, 14, 6-12.

**Dreelin, R. Andrew**, Shipley, J. Ryan, Winkler, David W. 2018. Flight Behavior of Individual Aerial Insectivores Revealed by Novel Altitudinal Dataloggers. *Frontiers in Ecology and Evolution*, 6, 182.

Shipley, J. Ryan, Kapoor, J., **Dreelin, R. Andrew**, Winkler, David W. 2017. An open-source sensor-logger for recording vertical movement in free-living organisms. *Methods in Ecology and Evolution*. 9(3), 465-471.

Gulson-Castillo, Eric R, **Dreelin, R. Andrew**, Fernandez-Duque, Facundo, Greig, Emma I., Hite, Justin M., Orzechowski, Sophia C., Smith, Lauren, K., Wallace, Rachel T., and Winkler, David W. 2017. Breeding biology during the nestling period of a Black-crowned Pitta (*Erythropitta ussheri*) nest. *Bulletin of the British Ornithologists' Club*. 137(3), 173-195.

Work and Research Experience:

**Graduate Teaching Assistant**, General Biology Lab (Bios 105). Northern Illinois University. Fall 2020.

**Grassland Bird Ecology Intern**, Smithsonian Conservation Biology Institute, American Prairie Reserve, MT, Apr 2020 – July 2020

**eBird Project Assistant**, Cornell Lab of Ornithology, Ithaca, NY, October 2018 – November 2019

**Morning Flight Songbird Counter**, New Jersey Audubon and Cape May Bird Observatory, Cape May, NJ, Aug, 2018 – Nov, 2018

**Seabird Observer**, Integrated Statistics and NOAA, Key West, FL to Newport, RI, July, 2018

**Interpretive Naturalist**, New Jersey Audubon and Cape May Bird Observatory, Cape May, NJ, Aug – Oct, 2017

**Field Technician**, *Vermivora* Migratory Ecology Project, Olancho, Honduras, Jan, 2017

**Field Technician**, Golondrinas de las Americas Project, Ithaca, NY, May-Jun, 2014 –16

Awards:

**Honorable Mention**, Graduate Research Fellowship Program. 2020-2021 Cycle.

**Winner**, Quiz Bowl. American Ornithological Society Meeting. Summer 2017.

**Runner-Up**, Quiz Bowl. North American Ornithological Conference. Summer 2016.

**Winner**, Cornell Lab of Ornithology Science Communication Fund. Fall 2016. Cornell Lab of Ornithology (\$300).

**Winner**, Writing in the Majors Prize. Fall 2013. “Multiple Factors Influencing Female Choice and Sexual Selection Characteristics in the Superb Bird-of-Paradise.” John S. Knight Institute (\$300).

Teaching & Mentoring Experience:

**Teaching Assistant**, General Biology Lab (Bios 105). Northern Illinois University. Fall 2020.

**Founder/President**, Inclusive Birding Club. Northern Illinois University. Fall 2020.

**Teaching Assistant**, Ornithology (BioEE 4750). Cornell University, Spring 2016.

**Co-Captain**, Team Redhead. Cornell University. 2016 & 2017.

**Trip Chair**, Birding Club at Cornell. Cornell University. Fall 2015 - Fall 2016.

**Vice President**, Birding Club at Cornell. Cornell University. Fall 2014 - Fall 2015.

Conference Presentations:

**Dreelin, Andrew**. 2017. Characterizing the Aerial Behavior of Three North American Hirundines from an Individual Perspective Using a Novel Altitudinal Datalogger. American Ornithological Society Meeting, Undergraduate Symposium.

**Dreelin, Andrew**, Van Doren, Benjamin M., Montgomery, Graham, Büttner, Nicole. 2016. Insights into the Distribution and Life History of Spot-fronted Swift (*Cypseloides cherriei*). North American Ornithological Conference, General Poster Session.

Popular Writing and Presentations:

**Dreelin, A.** Heveran, P., Florea, A. Dunn, E., and Gyekis, P. 2020. Hidden Migration: White-breasted Nuthatches on the move. BirdCast. Cornell Lab of Ornithology. Ithaca, NY, USA. [Link](#).

**Dreelin, Andrew.** 2020\*. How to Identify Warblers and Enjoy them More, Too. Georgia Audubon Bird Fest (online webinar due to COVID-19 pandemic).

Boyce, A. and **Dreelin, A.** 2020. Ecologists Dig Prairie Dogs, and You Should, Too. Smithsonian's National Zoo and Conservation Biology Institute. Washington, D.C., USA. [Link](#).

**Dreelin, Andrew.** 2019. Community Science Empowers Conservation at Multiple Scales. Seneca Audubon Society.

**Dreelin, Andrew.** 2019. Community Science Empowers Conservation at Multiple Scales. Mohawk Hudson Land Conservancy.

**Dreelin, Andrew.** 2018. The Art & Science of Observing Birds in Cape May. Columbus Georgia Audubon Society.

Non-refereed Publications:

**Dreelin, A.** 2019. Morning Flight Songbird Count Seasonal Research Summary. *The Peregrine Observer* (B. Ewald, Editor). New Jersey Audubon's Cape May Bird Observatory, Cape May, NJ, USA.

**Dreelin, A.** 2014. Jamaican Pauraque (*Siphonorhis americana*), version 1.0. In Neotropical Birds Online (T. S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. [Link](#).

**Dreelin, A.** 2014. Red Warbler (*Cardellina rubra*), version 1.0. In Neotropical Birds Online (T. S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. [Link](#).

References:

Holly Jones, Assistant Professor  
Biological Sciences, Northern Illinois University  
[hjones@niu.edu](mailto:hjones@niu.edu)

Andy Boyce, Conservation Ecologist  
Smithsonian Conservation Biology Institute  
[boycea@si.edu](mailto:boycea@si.edu)

Harry Greene, Professor Emeritus  
Department of Ecology and Evolutionary Biology, Cornell University  
[hwg5@cornell.edu](mailto:hwg5@cornell.edu)